

**AMENDMENTS TO THE SPECIFICATION**

Page 1, immediately following the title "METHODS FOR IDENTIFYING MODULATORS OF ACTIVE KIT TYROSINE KINASE RECEPTOR," please insert the following paragraph:

This application is a U.S. National Phase Application pursuant to 35 U.S.C. 371 of International Application No. PCT/US2004/040547, which was filed December 6, 2004, claiming benefit of priority of U.S. Patent Application No. 60/526,930, which was filed December 4, 2003. The entire disclosure of each of the foregoing applications is incorporated herein by reference.

Page 60, immediately after claim 28, please insert a new page containing the following abstract of the application:

**ABSTRACT**

The present invention relates to cell-based assays useful for screening for modulators, such as inhibitors, of activated mutant KIT tyrosine kinase receptors, which are associated with mast cell-related disorders, such as mastocytosis and various types of cancer. The invention further provides for the treatment of mast cell-related disorders with an inhibitor identified by the screening method.